

King County DNRP Water Quality Index

STATION **CHERRY 1** WATER YEAR **2014**

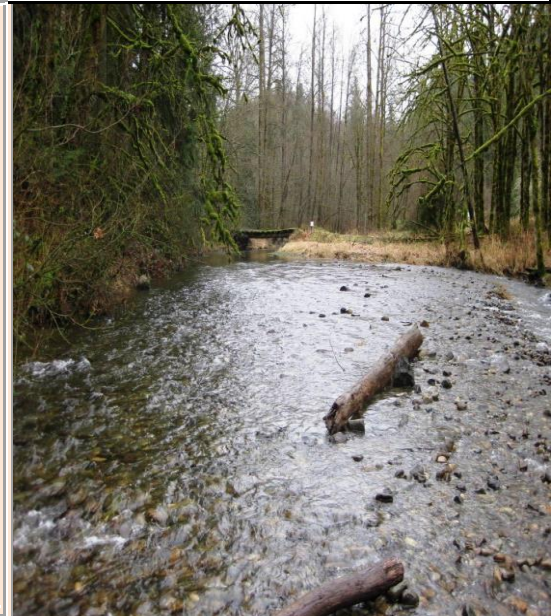
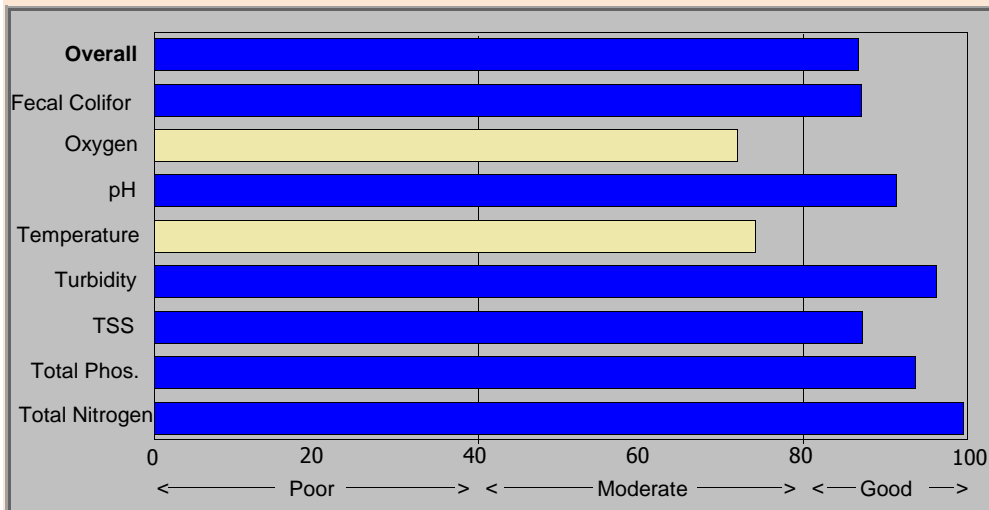
GAUGE # **05A** **Cherry Creek**

Overall Index **87**

King County monitors water quality in Cherry Creek at NE Cherry Valley Road. King County began sampling in Cherry Creek in 2011. Approximately 8,320 acres of land drain to the sampling point located just east of Duvall. Cherry Creek drains rural residential developments on the hills that form the east side of the lower Snoqualmie Valley. The creek has been designated as core summer salmonid habitat. High fecal coliform bacteria concentrations are a major water quality concern in the lower part of the basin.

Annual Water Quality Index Scores

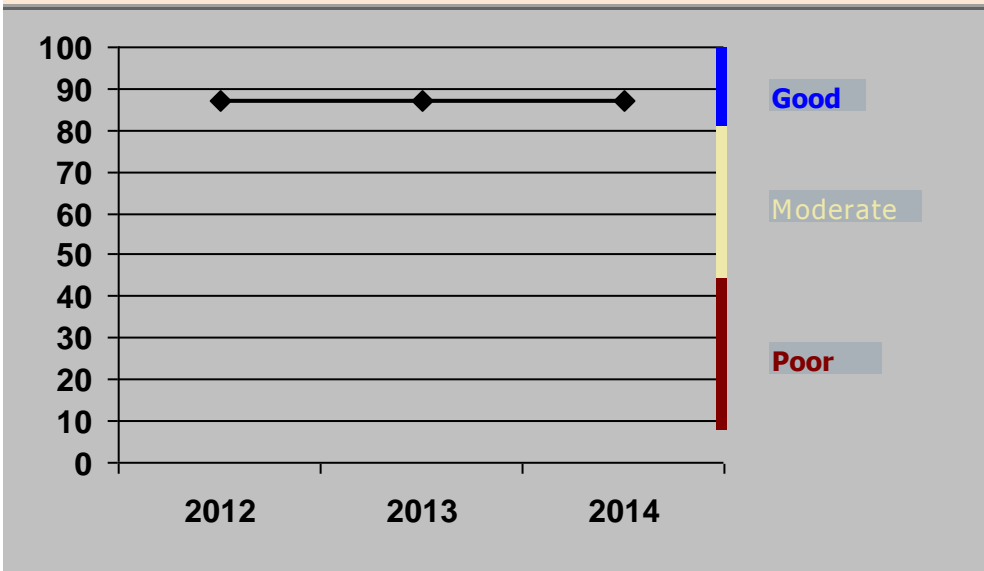
Water quality was GOOD based on data collected 10/1/2013 to 9/30/2014.



Monthly Scores For Water Year 2014

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
98	98	99	99	97	99	98	94	95	90	78	94

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>

<http://green.kingcounty.gov/WLR/Waterres/StreamsData/WQI.aspx>